

REMARKS

Claims 1-8, 13-15, 18, 20, and 24-26 are pending in this application. By this Amendment, claims 1-6 and 18 are amended and claims 12, 16-17, 19 and 21-23 are canceled. Support for the amendments to claims 1-5 and 18 may be found at least at originally filed claim 12 and at paragraphs [0014] and [0058] of the published specification. No new matter is added by the above amendment. In view of at least the following, reconsideration and allowance are respectfully requested.

I. Allowable Subject Matter

Applicants thank the Examiner for the indication that claims 3 and 20 are allowed, and that claims 5-6, 12-13 and 22-24 contain allowable subject matter.

II. Claim Objections

The Office Action objects to claims 6 and 12 over informalities. These objections are respectfully traversed.

By this Amendment, claim 12 is cancelled. Thus, the objection as to claim 12 is moot.

By this Amendment, claim 6 is amended to replace "first resistance" with "first resistor" as suggested by the Examiner.

Accordingly, withdrawal of the objections is respectfully requested.

III. Claim Rejection under 35 U.S.C. § 112

The Office Action rejects claims 1, 2, 6 and 19 under 35 U.S.C. § 112, second paragraph. This rejection is respectfully traversed.

By this Amendment, claim 19 is cancelled. Thus, the rejection as to claim 19 is moot.

Further, by this Amendment, claims 1, 2, 6 are amended to resolve any antecedent basis issues.

Accordingly, withdrawal of the rejection is respectfully requested.

IV. Claim Rejections under 35 U.S.C. § 102

The Office Action rejects claim 4 under 35 U.S.C. § 102(e) over U.S. Patent Application Publication No. 2007/0034875 (Yamazaki); rejects claims 1-2, 7-8, 14-15, 18-19, 21 and 25-26 under 35 U.S.C. § 102(b) over U.S. Patent No. 5,635,822 (Marchio). These rejections are respectfully traversed.

By this Amendment, claims 19 and 21 are cancelled. Thus, the rejections as to claims 19 and 21 are moot.

With respect to the rejection of claim 4, Applicants respectfully submit that Yamazaki does not constitute prior art.

The present application has an effective priority date of October 29, 2002 by virtue of Japanese Patent Application No. 2002-314922. The present application claims priority to Japanese Patent Application No. 2002-314922 filed on October 29, 2002. Yamazaki's earliest effective priority date is November 14, 2002. Thus, Yamazaki does not qualify as prior art. To perfect the claim for foreign priority of the present application, an accurate English-language translation of JP 2002-314922 is enclosed.

Independent claims 1, 2 and 18 are amended to incorporate the subject matter of claims 12 and 23 that was acknowledged as allowable in the Office Action. More specifically, independent claims 1, 2, and 18 similarly recite, in part, "the resistance and the another resistance being formed of a semiconductor film."

Marchio fails to teach, disclose or suggest the above-quoted features recited in claims 1, 2, and 18. Thus, Marchio fails to disclose each and every element recited in claim 1, 2, and 18.

Claims 7-8, 14-15 and 25-26 variously depend from claims 1, 2, and 18. Because Hasegawa fails to teach, disclose or suggest the features recited in independent claims 1, 2,

and 18, dependent claims 7-8, 14-15 and 25-26 are patentable for at least the reasons that claims 1, 2, and 18 are patentable, as well as for the additional features they recite.

Accordingly, withdrawal of the rejections is respectfully requested.

V. Claim Rejections under 35 U.S.C. § 103

Alternatively, the Office Action rejects claims 1-2, 7-8, 14-15, 18-19, 21 and 25-26 under 35 U.S.C. § 103(a) over U.S. Patent No. 5,635,822 (Marchio). This rejection is respectfully traversed.

By this Amendment, claims 19 and 21 are canceled. Thus, the rejections as to claims 19 and 21 are moot.

As discussed above, independent claims 1, 2 and 18 are amended to incorporate the subject matter of claims 12 and 23 that was acknowledged as allowable in the Office Action. More specifically, independent claims 1, 2, and 18 similarly recite, in part, "the resistance and the another resistance being formed of a semiconductor film."

Marchio, fails to teach, disclose or suggest "the resistance and the another resistance being formed of a semiconductor film." Therefore, Marchio, do not teach, disclose or suggest the subject matter recited in claims 1, 2 and 18.

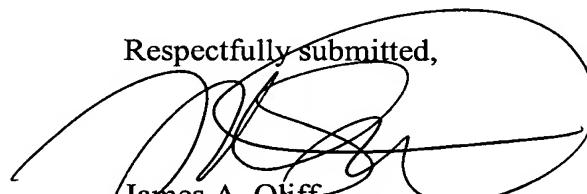
Claims 7-8, 14-15 and 25-26 variously depend from claims 1, 2, and 18. Because the applied references, in any combination, fail to render the subject matter of independent claims 1, 2, and 18 obvious, dependent claims 7-8, 14-15 and 25-26 are patentable for at least the reasons that claims 1, 2, and 18 are patentable, as well as for the additional features they recite.

Accordingly, withdrawal of the rejections is respectfully requested.

VI. Conclusion

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of the claims are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,

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JAO:DQS/mef

Attachment:

Accurate English-language translation of JP 2002-314922

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